

MAR 29 2004

PTO/SB/97 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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To: Office of Petitions
Fax: (703) 872-9306

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the
United States Patent and Trademark Office

on March 29, 2004

Date



Signature

Cherita Persons-Grimstead

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

1. Transmittal of Response to Decision on Petition to Withdraw The Holding Of Abandonment dated March 17, 2004 for Patent Application, Serial Number 09/992,681. [Our Ref: 68.0176US] (26 pages)
2. Authorization to charge any fees to Deposit Account No. 50-0457.

Burden Hour Statement: This form is estimated to take 0.03 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

MAR 29 2004

OFFICIAL

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Goode, Peter et al

Serial No.: 09/992,681

Filed: November 19, 2001

For: Downhole Measurement Apparatus And
Technique

Confirmation No.: 5874

Group Art Unit: 3672

Examiner: Dang, Hoang C.

Attorney Docket: 68.0176

Mail Stop - Office of Petitions
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF TRANSMISSION
37 C.F.R. 1.8 & 1.10

I hereby certify that this document and its attachments are being sent on the date indicated below to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 by:

☒ Facsimile to number (703) 872-9306.

☐ First class mail.

☒ Express Mail: Post Office to Addressee No. EV 335 954 584 US.

March 29, 2004
Date

Heidi Larson Mimsford
Signature

PETITION

Sir:

This petition is being submitted via facsimile and "Express Mail" in response to the Decision on Petition To Withdraw The Holding Of Abandonment mailed March 17, 2004, which is in reference to the Decision on Petition To Withdraw The Holding Of Abandonment mailed February 6, 2004 and the Notice of Abandonment mailed on October 21, 2003. Enclosed herewith are the following:

- **Exhibit A** -- a copy of the original response bearing a signed Certificate of Transmission, which includes the date of signing; and

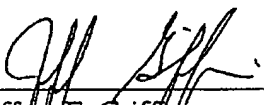
- **Exhibit B** -- a statement under 37 C.F.R. 1.8(b)(3) attesting to the personal knowledge of transmitting the original response on the date indicated on the Certificate of Transmission.

The Assistant Commissioner is authorized to deduct the petition fee (37 C.F.R. 1.17(h)) in the amount of \$130.00 from Schlumberger Technology Corporation Deposit Account No. 50-0457. The Assistant Commissioner is also authorized to deduct any other fees required for this petition from Schlumberger Technology Corporation Deposit Account No. 50-0457.

If the petition is granted, please refund the petition fee to Schlumberger Technology Corporation Deposit Account No. 50-0457.

Applicant respectfully requests reconsideration, that the application be reinstated with its original filing date of November 19, 2001 and that the petition fee be refunded.

Respectfully submitted,



Jeffrey E. Griffin
Reg. No. 36,534

Please address correspondence to:

Jeffrey E. Griffin
Schlumberger Technology Corporation
14910 Airline Road
P.O. Box 1590
Rosharon, Texas 77583-1590
Phone: (281) 285-5720
Fax: (281) 285-5537

EXHIBIT A

PTO/SB/97 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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To: EXAMINER H. DANG
FAX: (703) 305-3597

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the
United States Patent and Trademark Office

on March 26, 2003

Date



Signature

Cherita Persons-Grimstead

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

1. Transmittal of Response to Restriction Requirement for Patent Application Serial Number 09/992,681. [Our Ref: 68.0176US] (2 pages)
2. Authorization to charge any fees to Deposit Account No. 50-0457.

Burden Hour Statement: This form is estimated to take 0.03 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

*** TX REPORT ***

TRANSMISSION OK

TX/RX NO 0682
CONNECTION TEL 917033053597
SUBADDRESS
CONNECTION ID TC 3600 USPTO
ST. TIME 03/26 12:24
USAGE T 00'50
PGS. 2
RESULT OK

PTO/SB/97 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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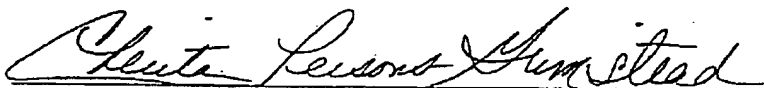
TO: EXAMINER H. DANG
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Application Serial Number 09/992,681. [Our Ref: 68.0176US]
(2 pages)
2. Authorization to charge any fees to Deposit Account No.
50-0457.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:	§	
GOODE, P. et al	§	Group Art No.: 3672
	§	
Serial No.: 09/992,681	§	Examiner: Dang, H.C.
	§	
Filed: November 19, 2001	§	Docket No: 68.0176
	§	
Title: Downhole Measurement Apparatus	§	
And Technique	§	

Commissioner for Patents
Washington, DC 20231

RESPONSE TO RESTRICTION REQUIREMENT

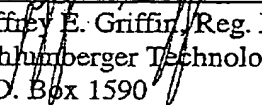
Dear Sir:

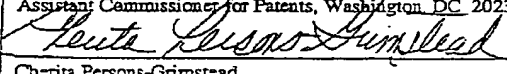
In response to the restriction requirement mailed on March 17, 2003, the Assignee elects the claims of Group I (claims 1-20, 31-56, and 61-81) and the species of Figures 2-12 without traverse. Claims within Group I and readable on the elected species are claims 1-5, 7-8, 10-15, 17-18, 20, 31-56, 61-62, 64-68, 70-78.

The Commissioner is authorized to pay any additional fees or credit any overpayment to Deposit Account No. 50-0457.

Respectfully submitted,

3/26/03
Date


Jeffrey E. Griffin, Reg. No. 36,534
Schlumberger Technology Corporation
P.O. Box 1590
Rosharon, TX 77459
(281) 285-5720
(281) 285-5537

Date of Deposit: <u>26 March 2003</u>
I hereby certify under 37 CFR 1.6(d) that this correspondence is being facsimile transmitted on the date indicated above and is addressed to: Assistant Commissioner for Patents, Washington, DC 20231.

Cherita Persons-Grimstead
Fax No.: (703) 305-3597



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/992,681	11/19/2001	Peter A. Goode	68.0176	5874

7590

03/17/2003

Schlumberger Technology Corporation
Schlumberger Reservoir Completions
14910 Airline Road
P.O. Box 1590
Rosharon, TX 77583-1590

RECEIVED

MAR 24 2003

I.P. LAW DEPT.

EXAMINER

DANG, HOANG C

ART UNIT

PAPER NUMBER

3672

DATE MAILED: 03/17/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

DOCKETED ☒ UPDATED ☐
RESPONSE: Non-Final ☐ FINAL ☐
2 mos. 3 mos.
Action(s)/Date(s): Rest. Req.
4/17/03
XL ☐ CPA ☐ Scan ☒ By: 016

Office Action Summary

Application No.

09/992,681

Applicant(s)

GOODE ET AL.

Examiner

Hoang Dang

Art Unit

3672

— The MAILING DATE of this communication appears on the cover sheet with the correspondence address —
 Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-81 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☐ Claim(s) ____ is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☒ Claim(s) 1-81 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
 If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
 * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). ____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____ 6) ☐ Other: ____

Application/Control Number: 09/992,681

Page 2

Art Unit: 3672

Election/Restrictions

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-20, 31-56 and 61-81, drawn to a system or method usable with a subterranean well, classified in class 166, subclass 250.001.
- II. Claims 21-30, drawn to a resistivity tool, classified in class 324, subclass 352.
- III. Claims 57-60, drawn to a method of establishing fluid communication between an exterior of a casing and its interior, classified in class 166, subclass 297.

The inventions are distinct, each from the other because of the following reasons:

2. Inventions I and II or III are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the detailed structure of the resistivity tool (e.g., transmitter, receiver, circuit) of Group II or the piercing of the casing of Group III are not required by the combination claims (e.g., see claims 1, 11, 75, 79). The subcombination has separate utility such as a tool for measuring resistivity having no packer or/and puncher (Group II) and a method for producing a well wherein the communication between the exterior of the casing and its interior thereof is for the purpose of production.

3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification and the search required for one

Application/Control Number: 09/992,681

Page 3

Art Unit: 3672

Group is not required for another Group, restriction for examination purposes as indicated is proper.

4. This application further contains claims directed to the following patentably distinct species of the claimed invention: the species of figures 2-12; the species of figures 13-14; the species of figures 13-14; the species of figure 15; the species of figures 16-17; the species of figure 18; the species of figures 20-21

Applicant is further required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, no claims are generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the

Application/Control Number: 09/992,681

Page 4

Art Unit: 3672

examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

5. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).
6. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).
7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hoang Dang whose telephone number is 703-308-2149. The examiner can normally be reached on 9:15-5:45 Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Bagnell can be reached on 703-308-2151. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-3597 for regular communications and 703-305-3597 for After Final communications.

Application/Control Number: 09/992,681
Art Unit: 3672

Page 5

Any inquiry of a general nature or relating to the status of this application or proceeding
should be directed to the receptionist whose telephone number is 703-308-2168.

Hoang Dang
Primary Examiner
Art Unit 3672

09992681.res
March 13, 2003.

A handwritten signature in black ink, appearing to be 'Hoang Dang', written over the printed name and title.

EXHIBIT B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Goode, Peter et al

Serial No.: 09/992,681

Filed: November 19, 2001

For: Downhole Measurement Apparatus And
Technique

Confirmation No.: 5874

Group Art Unit: 3672

Examiner: Dang, Hoang C.

Attorney Docket: 68.0176

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Mail Stop – Office of Petitions

STATEMENT UNDER 37 C.F.R. 1.8(b)(3)

I, Cherita Persons-Grimstead, am a Paralegal with Schlumberger Technology Corporation, having an address at 14910 Airline Road, Rosharon, Texas 77583, do hereby make the following statement: I am over the age of 21, and do hereby attest to my personal knowledge that I sent the document attached hereto as Exhibit 1, entitled "Response to Restriction Requirement," together with the document attached hereto as Exhibit 2, entitled "Certificate of Transmission under 37 CFR 1.8", via facsimile transmission on the date of March 26, 2003; and further attest that the date of March 26, 2003 is the date indicated on the Certificate of Transmission of Exhibit 2; and still further attest that I am the person who signed and dated the Certificate of Transmission of Exhibit 2 for submission with the Response to Restriction Requirement of Exhibit 1.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issued thereon.

Date: March 29, 2004

By: Cherita Persons-Grimstead
Cherita Persons-Grimstead

EXHIBIT 1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:	§	
GOODE, P. et al	§	Group Art No.: 3672
	§	
Serial No.: 09/992,681	§	Examiner: Dang, H.C.
	§	
Filed: November 19, 2001	§	Docket No: 68.0176
	§	
Title: Downhole Measurement Apparatus	§	
And Technique	§	

Commissioner for Patents
Washington, DC 20231

RESPONSE TO RESTRICTION REQUIREMENT

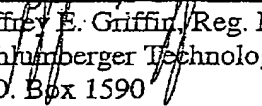
Dear Sir:

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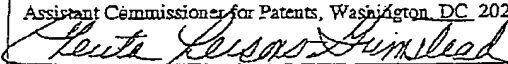
Respectfully submitted,

3/26/03
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Jeffrey E. Griffin, Reg. No. 36,534
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Cherita Persons-Grimstead

Fax No.: (703) 305-3597



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/992,681	11/19/2001	Peter A. Goods	68.0176	5874

7590 03/17/2003

Schlumberger Technology Corporation
Schlumberger Reservoir Completions,
14910 Airline Road
P.O. Box 1590
Rosharon, TX 77583-1590

RECEIVED

MAR 24 2003

I.P. LAW DEPT.

EXAMINER

DANG, HOANG C

ART UNIT

PAPER NUMBER

3672

DATE MAILED: 03/17/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

DOCKETED ☒ UPDATED ☐
RESPONSE: Non-Final ☐ FINAL ☐
2 mos. _____ 3 mos. _____
Action(s)/Date(s): Revt. Req.
4/17/03
XL ☐ CPA ☐ Scan ☒ By: C/B

Office Action Summary	Application No.	Applicant(s)	
	09/992,681	GOODE ET AL.	
	Examiner	Art Unit	
	Hoang Dang	3572	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

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- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
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If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
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a) ☐ The translation of the foreign language provisional application has been received.
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Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

Application/Control Number: 09/992,681

Page 2

Art Unit: 3672

Election/Restrictions

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-20, 31-56 and 61-81, drawn to a system or method usable with a subterranean well, classified in class 166, subclass 250.001.
- II. Claims 21-30, drawn to a resistivity tool, classified in class 324, subclass 352.
- III. Claims 57-60, drawn to a method of establishing fluid communication between an exterior of a casing and its interior, classified in class 166, subclass 297.

The inventions are distinct, each from the other because of the following reasons:

2. Inventions I and II or III are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the detailed structure of the resistivity tool (e.g., transmitter, receiver, circuit) of Group II or the piercing of the casing of Group III are not required by the combination claims (e.g., see claims 1, 11, 75, 79). The subcombination has separate utility such as a tool for measuring resistivity having no packer or/and puncher (Group II) and a method for producing a well wherein the communication between the exterior of the casing and its interior thereof is for the purpose of production.

3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification and the search required for one

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Group is not required for another Group, restriction for examination purposes as indicated is proper.

4. This application further contains claims directed to the following patentably distinct species of the claimed invention: the species of figures 2-12; the species of figures 13-14; the species of figures 13-14; the species of figure 15; the species of figures 16-17; the species of figure 18; the species of figures 20-21

Applicant is further required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, no claims are generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP §. 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the

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examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

5. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

6. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hoang Dang whose telephone number is 703-308-2149. The examiner can normally be reached on 9:15-5:45 Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Bagnell can be reached on 703-308-2151. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-3597 for regular communications and 703-305-3597 for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-2168.

Hoang Dang
Primary Examiner
Art Unit 3672

09992681.res
March 13, 2003.

A handwritten signature in black ink, appearing to be 'Hoang Dang', written over the printed name and title.

EXHIBIT 2

PTO/SB/97 (08-00)

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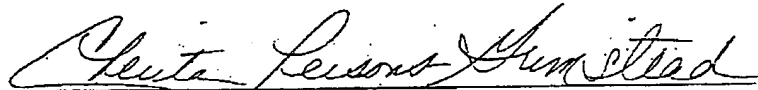
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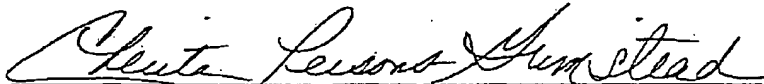
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